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RANDALL A. NOTZEN KENT E. BALDAUF, JR.

WEBB ZIESENHEIM LOGSDON ORKIN & HANSON, P.C.

700 KOPPERS BUILDING 436 SEVENTH AVENUE

WILLIAM H. LOGSDON
RUSSELL, D. OAKIN
DAVID C. HANSON
FREDERICK B. ZIESENHEIM

TTTSBURGH, PA 15219-1818 TELEPHONE 412-471-8815 FAX 412-471-4094

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OF COUNSEL DONALD C. LEPIANE

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Ms. Nancy Johnson
United States Patent and Trademark Office
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Alexandria, VA 22313-1450

Re:

Reissue Application No. 10/712,917 of Patent No. 6,314,717 issued November 13, 2001, Application No. 09/319,478 filed August 18, 1999, which is from the national phase of PCT Application No. PCT/US97/22007 filed December 3, 1997, entitled "An Electricity Generating System Having An Annular Combustor"

Our File:

3419-032151

Dear Ms. Johnson:

In response to your telephone call of Monday, May 24, 2004, please find attached a copy of the formal drawings associated with the above-identified reissue patent application.

Please contact me if you would like these drawings submitted in another format or in a different manner. Unless I hear from you I will not send a hard copy of this letter or the attached drawings to you.

Very truly yours

James G. Porcelli

JGP:psc Attachments

(W0123104.1)

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(12) United States Patent Teets et al.

(10) Patent No.: US
(45) Date of Patent:

US 6,314,717 B1 Nov. 13, 2001

(54)	ELECTRICITY GENERATING SYSTEM
	HAVING AN ANNULAR COMBUSTOR

- (75) Inventors: J. Michnel Tects, Hobe Sound, FL (US); Jon W. Teets, Scoasdale, AZ (US)
- (73) Assignee: Elliott Energy Systems, Iuc., Stuart, FL (US)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
- (21) Appl. No.:

09/319,478

- (22) PCT Piled:
- Dec. 3, 1997
- (86) PCT No.:

PCT/US97/22007

§ 371 Date:

Aug. 18, 1999

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§ 102(c) Date: Aug. 18, 1999

(87) PCT Pub. No.: WO98/25082

PCT Pub. Date: Jun. 11, 1998

Related U.S. Application Data

- (60) Provisional application No. 60/032,090, filed on Dec. 3, 1996.
- (51) Int. Cl.⁷ F02C 3/06 (52) U.S. Cl. 60/39/36; 60/39.08; 60/39.281;

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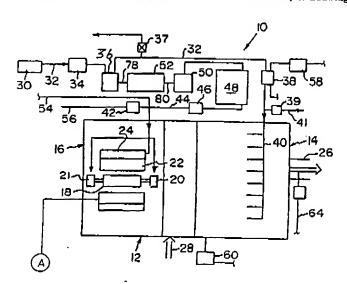
Primary-Examiner—Charles G. Preay Assistant Examiner—E. D. Hayes

(57

ABSTRACT

An electricity generating system having a body (159), an annular combustor (14), a turbine (16), a compressor chamber and a compressor (102) positioned within the compressor chamber. An inlet port is in fluid communication with the compressor chamber and an exit port is in fluid communication with the turbine. A plurality of magnets (MG) is secured to the rotor (16) and a stator (22) made of mangnetically attracted material, such as iron, and having a stator winding provided in the body (159). The stator winding is positioned in close proximity to the plurality of magnets mounted to the rotor whereby rotation of the rotor (18) induces a current in the winding.

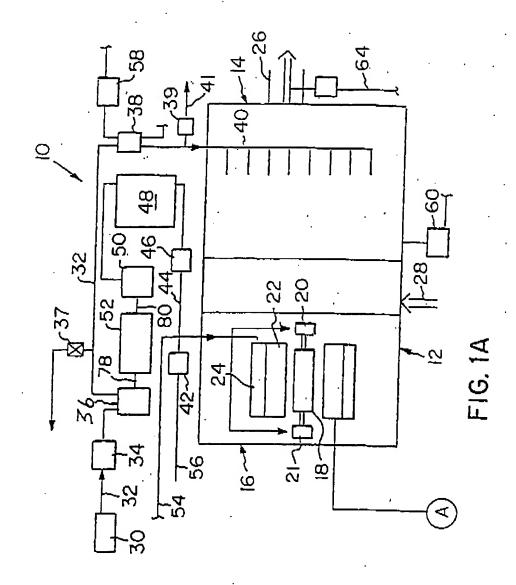
18 Claims, 15 Drawing Sheets



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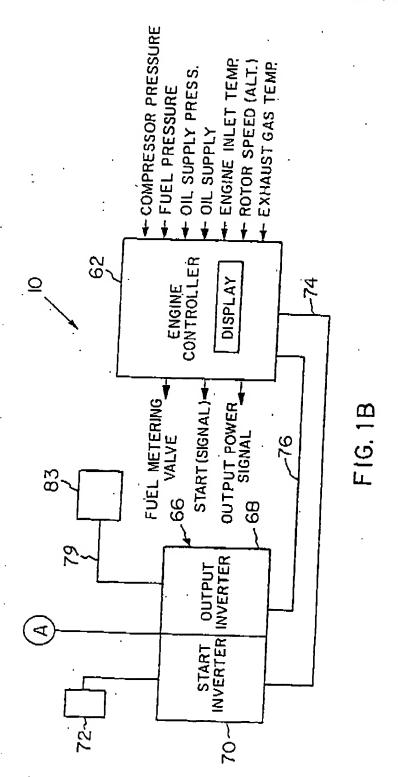
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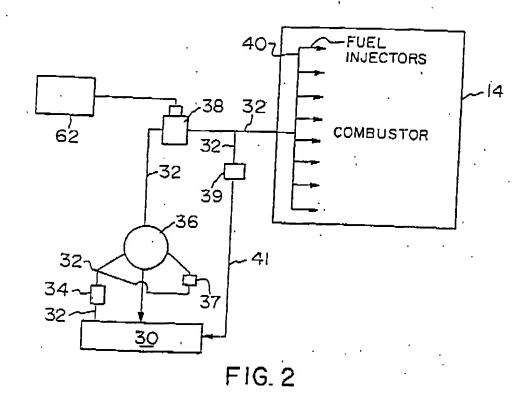
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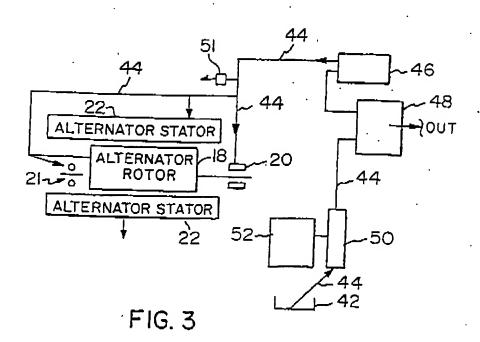
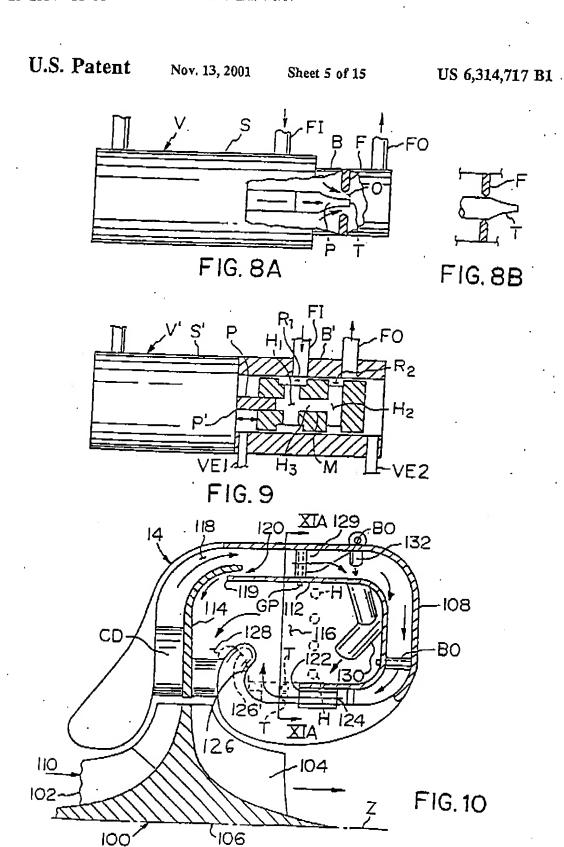
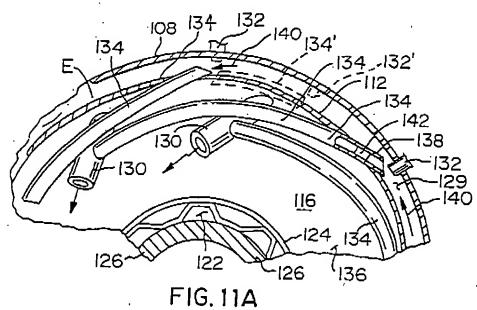


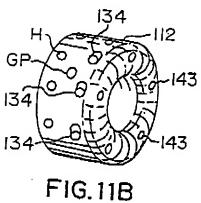
FIG. 7 06 28 F16. 5 **FIG. 6** 78 98-76 . 65 FIG. 4 SANDC ZŚ 99 18 6,314,717 B1 Sheet 4 of 15 Nov. 13, 2001 U.S. Patent



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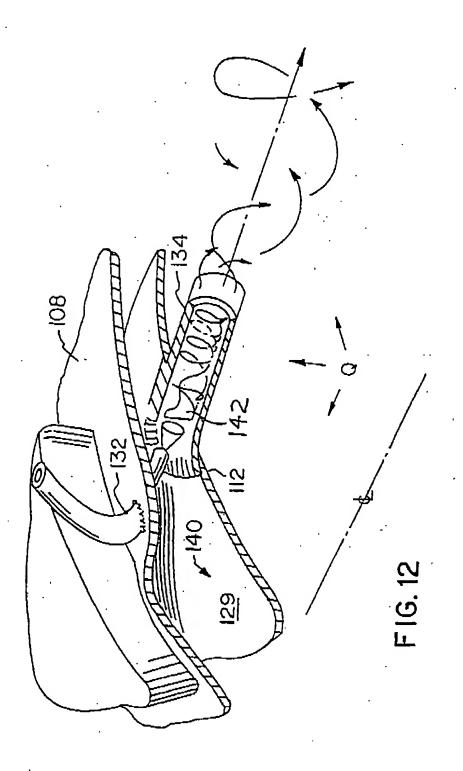
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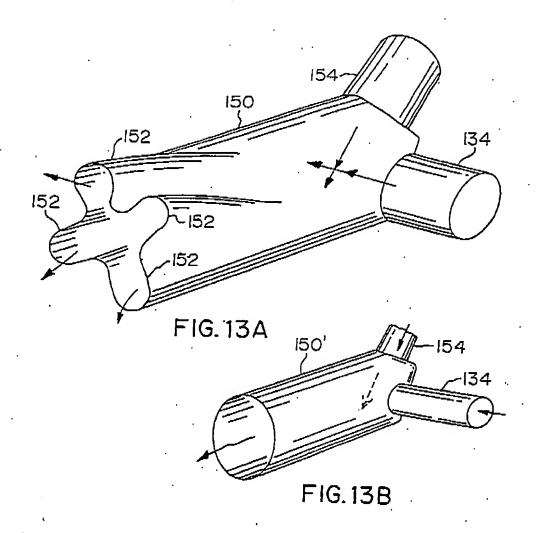
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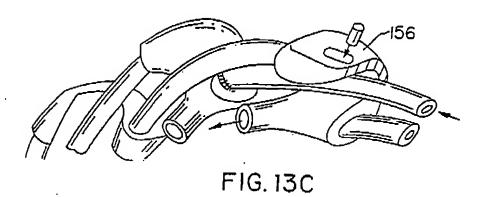
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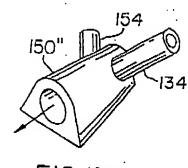


FIG. 13D

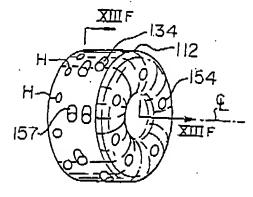
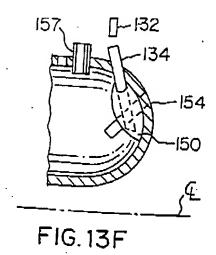
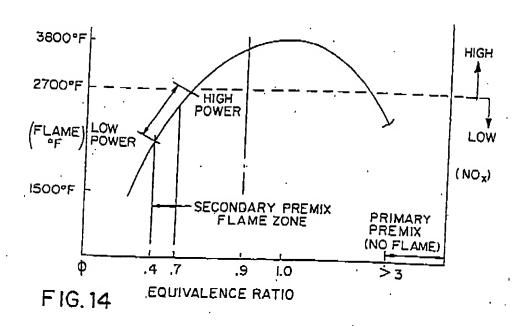


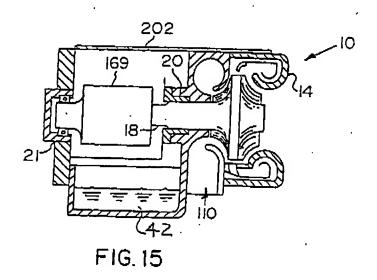
FIG. 13E



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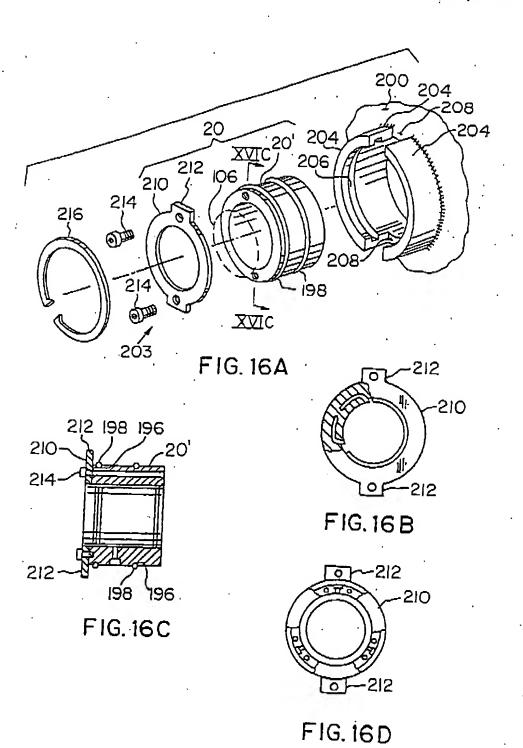
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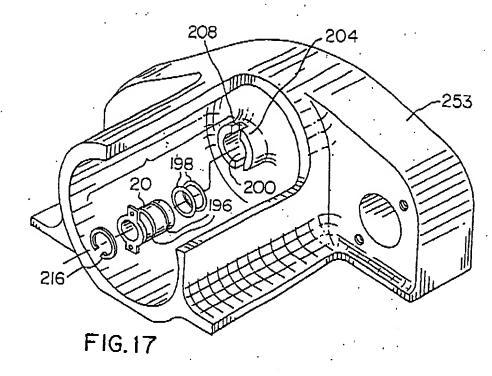
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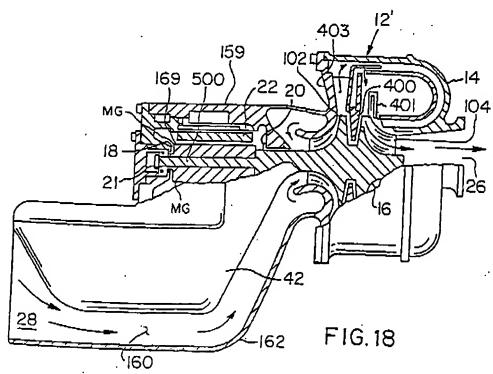


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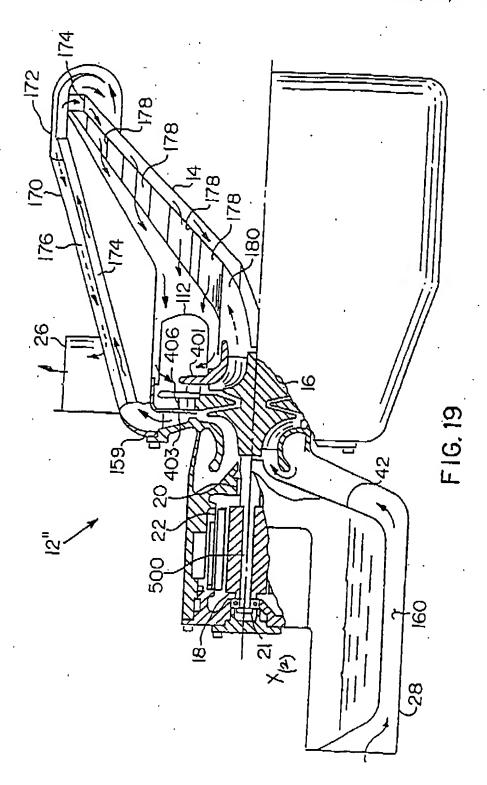




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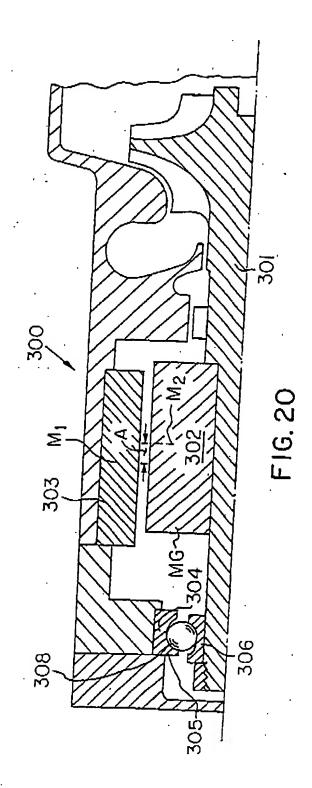
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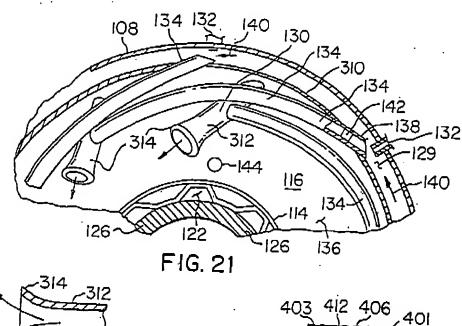
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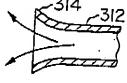


FIG. 22

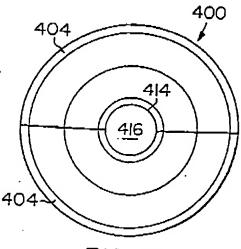


FIG. 24

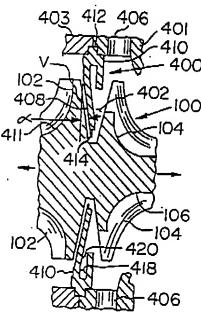


FIG. 23